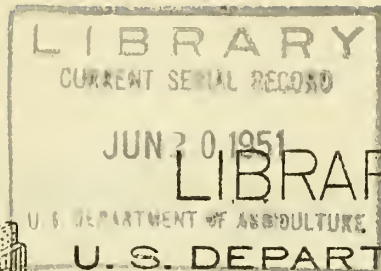
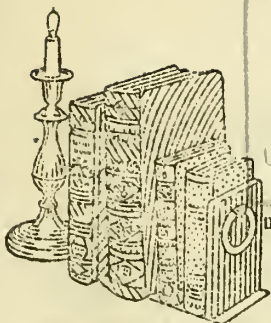


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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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NEW BOOKS

APPLIED SEDIMENTATION by P.D. Trask ed. New York, Wiley, 1950. 707 p. 56.7 T69.

"This symposium considers the practical applications of sedimentation. It is designed to describe aspects of mutual interest to the geologist and to the engineer so that each can understand the other's problems and thus cooperate more effectively in their work; provide information for the consulting geologist who may not be completely familiar with specific problems and to acquaint students with the many practical applications of sedimentation which involve both nature of the sediment and the processes that affect them."
Preface.

BIG HUGH: THE FATHER OF SOIL CONSERVATION by W. Brink. New York, Macmillan, 1951. 167 p. 120 B43.

Here is the story not only of an outstanding personality and his amazing achievements, but also the story of soil conservation itself-- including optimism so characteristic of Mr. Bennett himself.

"His vigorous struggle has been rewarded by honors ranging from the Distinguished Service Award to full membership in the Crow Indian Tribe. But most important of all has been the satisfaction of seeing once barren acres spring to new green life as this nation and other nations have awakened to his plea for soil conservation." Book Jacket.

CONSERVING SOIL RESOURCES; A GUIDE TO BETTER LIVING by P.W. Chapman, F.W. Fitch, Jr. and C.L. Veatch. Atlanta, Turner, Smith, 1950. 355 p. 56.7 C36.
(A complimentary copy presented to the library by Mr. Veatch)

This book was written to meet the need for teaching material on conservation for universal training at all school levels. It is designed as a guide to better living through the wise use of soil and water resources. Soil conservation is recognized as a cooperative responsibility of all individuals, agencies, and groups. It is a problem as vital to the welfare of those in towns and cities as it is to persons who live and work on the land. It cannot be solved except through the development of human resources. This means that education is the keynote to future progress in conservation of soil and water resources. Preface.

ECONOMIC RESOURCES AND POLICIES OF THE SOUTH by C.B. Hoover and B.U. Ratchford. New York, Macmillan, 1951. 464 p. 280.002 H76.

"Does the prosperity of the South depend on governmental support of high prices for cotton and tobacco? What is the present stake of the South in international trade? How do the changes in per capita income in the South compare with those of the rest of the nation? In this book two well-known economists give answers to these and similar questions based on wide experience in national and international economic affairs and on extensive research recently done for the National Planning Association's Committee of the South." Book Jacket.

THE ELEMENTS OF MARKETING by P.D. Converse and H.W. Huegy. 3d rev. ed. New York, Prentice-Hall, 1946. 795 p. 280.3 C76E Ed.3.

The third revised edition of Elements of Marketing was undertaken with these major objectives; to place more emphasis on marketing principles and policies, to discuss more fully practical marketing decisions based on understanding of these principles, to add important material that has become available since the publication of the previous edition, to condense and sharpen the discussion of market institutions and commodity marketing, and to organize the material to increase the book's value as a teaching tool.

HUMUS AND THE FARMER by F. Sykes. Emmaus, Pa. Rodale Press, 1949. 392 p. 57.4 Sy4 1949.

Here is the story of a large farm successfully operated according to organic methods. With graphic descriptions and illustrated by photographs, methods are given for the making of pastures, reclamation of waste or derelict lands, and increasing the water-holding capacity and productivity of the soil. The value of mixed farming and reforestation, the importance of the earthworm, and the mechanization of the compost method are explained in a clear fashion.

THE JAPANESE VILLAGE IN TRANSITION by A.F. Raper. Tokyo, 1950. Supreme Commander For The Allied Powers, Natural Resources Section. 272 p. 281.29 Su8R no. 136.

This book is the product of group research. It is the observations and study of 13 villages on the effects of land reform and other agrarian programs upon rural institutions and organizations.

MOISTURE REQUIREMENTS IN AGRICULTURE: FARM IRRIGATION. by H.B. Roe. New York, McGraw-Hill, 1950. 413 p. 55 R62.

"The five great essentials for healthy and vigorous plant growth are soil, water, atmosphere, sunlight and heat. The functions of each of these are closely interrelated, but no one can supply the essentials of the others. It is the purpose of this book to deal with the second above named, that is, water, in relation to plant growth, as applied in irrigated agriculture. Scarcity, overabundance, and excessive movement of water may and do result

directly in injury to plant life and in unbalancing soil conditions most conductive to plant growth. Irrigation is the commonly accepted means of overcoming the scarcity, drainage, the overabundance, and the process of soil-erosion control the excessive movement of water." The Author.

TEACHING AGRICULTURE by C. Hammonds. New York, McGraw-Hill, 1950. 353 p. 275.1 H86.

This book is designed for teachers and prospective teachers of agriculture. Most of the discussions are applicable to all levels of teaching, and are not limited to teaching in schools, for many agencies teach agriculture. Primarily the effort has been to provide a background of educational concepts, philosophy, and psychology for teaching agriculture, for agriculture is both an art and a science.

TEXTBOOK OF DENDROLOGY, COVERING THE IMPORTANT FOREST TREES OF THE UNITED STATES AND CANADA BY W.M. Harlow and E.S. Harrar. 3d ed. New York, McGraw-Hill, 1950. 555 p. 454 H22T Ed. 3.

The authors have revised this text to bring the material up to date in nomenclature and botanical advances, and this edition again maintains a high degree of descriptive clarity and taxonomic accuracy.

TREE CROPS; A PERMANENT AGRICULTURE by J.R. Smith. New York, Devin-Adair, 1950. 408 p. 998m6 1950.

"Anyone with a plot large enough to plant a tree will be interested in reading this book." Bernard Baruch.

"Tree Crops is one of the most important books of our time in its relation to ecology, national economics and human welfare. It is a fascinating book for anyone interested in the basic problem of the nation- its real wealth and natural resources. Also for many people it may prove a practical and profitable investment." Louis Bromfield.

TOPOGRAPHIC MANUAL, Part II, Photogrammetry. U.S. Coast and Geodetic Survey. Special Pub. no. 249. Washington, 1949. 570 p. 157.44

This publication contains the requirements and detailed instructions for the office compilation of large scale maps from aerial photographs, including the use of both vertical and oblique photographs and stereoscopic instruments as well as graphic methods.

Alabama Polytechnic Institute. Statistical Laboratory. Auburn conference on statistics applied to research in the social sciences, plant sciences, and animal sciences, September 7-9, 1948. Proceedings. 91 p.

MANUAL OF THE GRASSES OF THE UNITED STATES by A.S. Hitchcock. 2d ed. USDA Misc. Pub. 200. 1951. 1051 p. 1 Ag84M 200 rev.

RESEARCH AND RELATED SERVICES IN THE UNITED STATES DEPARTMENT OF AGRICULTURE.
V.1. U.S. Congress. House. Committee On Agriculture. Washington, 1951.
990 p. (81st. Cong., 2d sess.)

DEPARTMENT OF AGRICULTURE APPROPRIATIONS FOR 1952. Hearings, 82d Cong. 1st sess.
Parts 1 and 2. U.S. Congress. House. Committee On Appropriations. 1 Ag811es

PAMPHLETS

CROPS

BURLEY TOBACCO PROJECTS FOR 4H CLUBS. Ky. Ext. Ser. C. 486. Lexington, 1951.
29 p. 275.29 K415.
CORN HYBRIDS AND VARIETIES IN MISSISSIPPI, 1950 TESTS. Miss. Exp. Sta. B. 478.
State College, 1951. 19 p. 100 M69.
DISTRIBUTION OF THE VARIETIES AND CLASSES OF WHEAT IN THE UNITED STATES IN 1949.
USDA C. 861. Washington, 1951. 71 p. 1 Ag84C.
MEASURED CROP PERFORMANCE. N.C. Exp. Sta. B. 373. Raleigh, 1951. 42 p.
100 N811.
MUSKMELONS. USDA F.B. 1468 rev. Washington, 1951. 38 p. 1 Ag84F.
POTATO GROWING. Ky. Ext. Ser. C. 307 rev. Lexington, 1951. 19 p. 275.29 K415.
SWEET POTATO GROWING. Ky. Ext. Ser. C. 308 rev. Lexington, 1951. 275.29 K415.
TOBACCO VARIETIES IN NORTH CAROLINA. N.C. Ext. Ser. C. 302 rev. Raleigh, 1951.
19 p. 275.29 N811.
WATERMELONS. USDA F.B. 1394 rev. Washington, 1951. 30 p. 1 Ag84F.

FARM ECONOMICS

FARMING OPPORTUNITIES IN NORTH CAROLINA. N.C. Ext. Ser. C. 355. Raleigh, 1950.
39 p. 275.29 N811.
FATHER-SON FARM AGREEMENTS. Southern Cooperative Series, B. 9. April 1951.
35 p. 100 G298o.
FATHER-SON FARM OPERATING AGREEMENTS. USDA F.B. 2026. Washington, 1951. 37 p.
1 Ag84F.

FARMER COOPERATIVES

FARMER COOPERATIVES: WHAT THEY ARE AND HOW THEY OPERATE. Va. Ext. Ser. C. 476.
rev. Blacksburg, 1949. 23 p. 275.29 V81C.

FARMHOUSES

FACTORS AFFECTING TEMPERATURES IN SOUTHERN FARMHOUSES. USDA Tech. B. 822.
Washington, 1951. 91 p. 1 Ag84Te.
PLANNING A SMALL FARM HOME. Calif. Ext. Ser. C. 168. Berkeley, 1950. 18 p.
275.29 C12S.

FRUITS

FRUIT AND SWEET: TWO NEW CITRUS VARIETIES THAT PRODUCE GOOD-SIZED FRUIT WITH
TANGERINE FLAVOR. Calif. Exp. Sta. B. 721. Berkeley, 1951. 10 p. 100 812S.
FRUIT THINNING WITH CHEMICAL SPRAYS. USDA C. 867. Washington, 1951. 46 p.
1 Ag84C.
HARVESTING, HANDLING, AND TRANSPORTATION OF CITRUS FRUITS. USDA Bibliographical
B. 13. Washington, 1951. 178 p. 1 Ag84Bi.
PEACH SPRAY INFORMATION. N.C. Exp. Sta. Spec. C. 12. Raleigh, 1951. 10 p.
100 N81P

HOME ECONOMICS

- CANNING MEAT AND FISH. La. Ext. Ser. Pub. 1076 rev. Baton Rouge, 1950. 39 p. 275.29 L93Ep.
- CANNING, SALTING, SMOKING, COOKING FLORIDA FISH. Fla. Ext. Ser. B. 147. Gainesville, 1951. 22 p. 275.29 F66.
- FAMILY FOOD CONSUMPTION IN THREE TYPES OF FARMING AREAS OF THE SOUTH. I. AN ANALYSIS OF 1947 FOOD DATA. Southern Cooperative Series B. 7. June 1950. 142 p. 100 G29So.
- FOOD FOR THE FAMILY WITH YOUNG CHILDREN. USDA Home & Gard. B. 5. Washington, 1951. 15 p. 1 Ag84Hg.
- THAWING AND COOKING FROZEN PRODUCTS. Ga. Exp. Sta. Press. B. 629. Experiment, 1951. 2 p. (processed) 100 G29P.

LIVESTOCK

- ARTIFICIAL INSEMINATION OF DAIRY CATTLE IN KENTUCKY. Ky. Ext. Ser. C. 485. Lexington, 1950. 15 p. 275.29 K415.
- THE LYMPH GLANDS OF CATTLE, HOGS, AND SHEEP. USDA C. 866. Washington, 1951. 29 p. 1 Ag84C.

PLANT GROWTH IN THE TROPICS

- A BIBLIOGRAPHY OF PLANT PATHOLOGY IN THE TROPICS AND IN LATIN AMERICA. USDA Bib. B. 14. Washington, 1951. 78 p. 1 Ag84Bi.
- VEGETABLE GARDENING IN THE TROPICS. Puerto Rico, Fed. Exp. Sta. C. 32. Mayaguez, 1950. 144 p. 1 Ex65.

POULTRY

- BREEDING CHICKENS FOR MEAT PRODUCTION. Calif. Exp. Sta. B. 675. Berkeley, 1951. 38 p. 100 C12S.
- LAYING FLOCK MANAGEMENT. N.C. Ext. Ser. C. 279. rev. Raleigh, 1951. 16 p. 275.29 N811.

STATISTICS

- ANALYSIS OF 17,906 FATAL FARM-WORK ACCIDENTS IN THE UNITED STATES, 1940-1948. USDA-BAE. Washington, 1951. 23 p. 1.941 A22An131?.
- BASIC FOREST STATISTICS FOR THE UNITED STATES AS OF JANUARY 1945. U.S. Forest Service. Washington, 1950. 14 p. 1.962 A2B29.

WRITING

- GETTING YOUR IDEAS ACROSS THROUGH WRITING. U.S. Federal Security, Training Manual no. 7. (Washington) 1950. 44 p. Inf. File.

MISCELLANEOUS

- THE ARMYWORM AND ITS CONTROL. USDA F.B. 1850. rev. Washington, 1951. 10 p. 1 Ag84F.
- CHANGES IN THE DAIRY INDUSTRY, UNITED STATES, 1920-50. USDA BAE. Washington, 1950. 1.941 H2D143.
- CHIGGER CONTROL. USDA Leaflet 302. Washington, 1951. 7 p. 1 Ag84L.
- CONTROL STEM ANTHRACNOSE OF LIMA BEANS. N.C. Exp. Sta. C. 11. Raleigh, 1950. 100 N81P.
- COTTON INSECT CONTROL IN NORTH CAROLINA. N.C. Ext. Ser. C. 312. rev. Raleigh, 1951. 14 p. 275.29 N811.

- CUBAN TRADE IN PRINCIPAL AGRICULTURAL PRODUCTS. USDA STATIS. B. 96. Washington 1951. 34 p. 1 Ag84St.
- DATE CULTURE IN THE UNITED STATES. USDA C. 728 rev. Washington, 1951. 57 p. 1 Ag84C.
- DETERMINING WATER REQUIREMENTS IN IRRIGATED AREAS FROM CLIMATOLOGICAL AND IRRIGATED DATA. USDA SCS-TP 96. Washington, 1950. 48 p. 1.96 Ad6Tp.
- DOLLARS AND SENSE IN CONSERVATION. Calif. Exp. Sta. C. 402. Berkeley, 1951. 39 p. 100 C12S.
- THE ETIOLOGY AND CONTROL OF LETTUCE DAMPING-OFF. N.C. Exp. Sta. B. 94. (100 N81) Raleigh, 1951. 33 p.
- EVALUATING SCHOOL LUNCHES AND NUTRITIONAL STATUS OF CHILDREN. USDA C. 859. Washington, 1951. 85 p. 1 Ag84C.
- GARDEN ROSES FOR VIRGINIA. Va. Agr. Ext. Ser. B. 189. Blacksburg, 1951. 6 p. plates 1-15. 275.29 B81B.
- A GUIDE TO THE FOREST PLANTINGS ON THE OCONEE-DENMARK AND WHITEHALL FORESTS. Georgia. University. George Foster Peabody School of Forestry, Leaflet 12. Athens, 1951. 99.9 G297 (processed)
- HOTBEDS AND COLD FRAMES. Ky. Ext. Ser. C. 276. Lexington, 1950. 11 p. rev. 275.29 K415.
- MANAGING NORTHERN GREAT PLAINS CATTLE RANGES TO MINIMIZE EFFECTS OF DROUGHT. USDA C. 865. Washington, 1951. 24 p. 1 Ag84C.
- THE MEASURE OF OUR LAND. USDA SCS-Pa 128. Washington, 1951. 17 p. 1 Ag84Pro.
- MEAT AND MEAT ANIMALS IN WORLD WAR II. USDA Agr. Monog. 9. Washington, 1951. 149 p. 1 Ag84Am.
- OLIVE VARIETIES IN CALIFORNIA. Calif. Exp. Sta. B. 720. Berkeley, 1951. 55 p. 100 C12S.
- ORNAMENTAL SHRUBS FOR THE SOUTHERN GREAT PLAINS. USDA F.B. 2025. Washington, 1951. 61 p. 1 Ag84F.
- THE REDHEADED PINE SAWFLY. USDA Leaflet 296. Washington, 1951. 4 p. 1 Ag84L.
- SPITTLE BUG CONTROL ON ALFALFA AND CLOVER. Pa. Ext. Ser. L. 144. State College, 1951. 275.29 P38L.
- THE SPRAYER. La. Ext. Ser. Pub. 1035. Baton Rouge, 1951. 31 p. 275.29 L93Ep.
- STUDIES OF SAMPLING TECHNIQUES AND CHEMICAL ANALYSES OF VEGETABLES. Southern Cooperative Series, B. 10. March 1951. 143 p. 100 G29So.
- A STUDY OF THE COMPOSITION OF MILK PRODUCED IN DIFFERENT AREAS OF MISSISSIPPI. Miss. Exp. Sta. B. 474. State College, 1950. 24 p. 100 M69.
- A VIBRATORY APPARATUS FOR PRODUCING DROPS OF UNIFORM SIZE. USDA BE&PQ-Et 295. April 1951. 2 p. 1.9 En83Et.

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